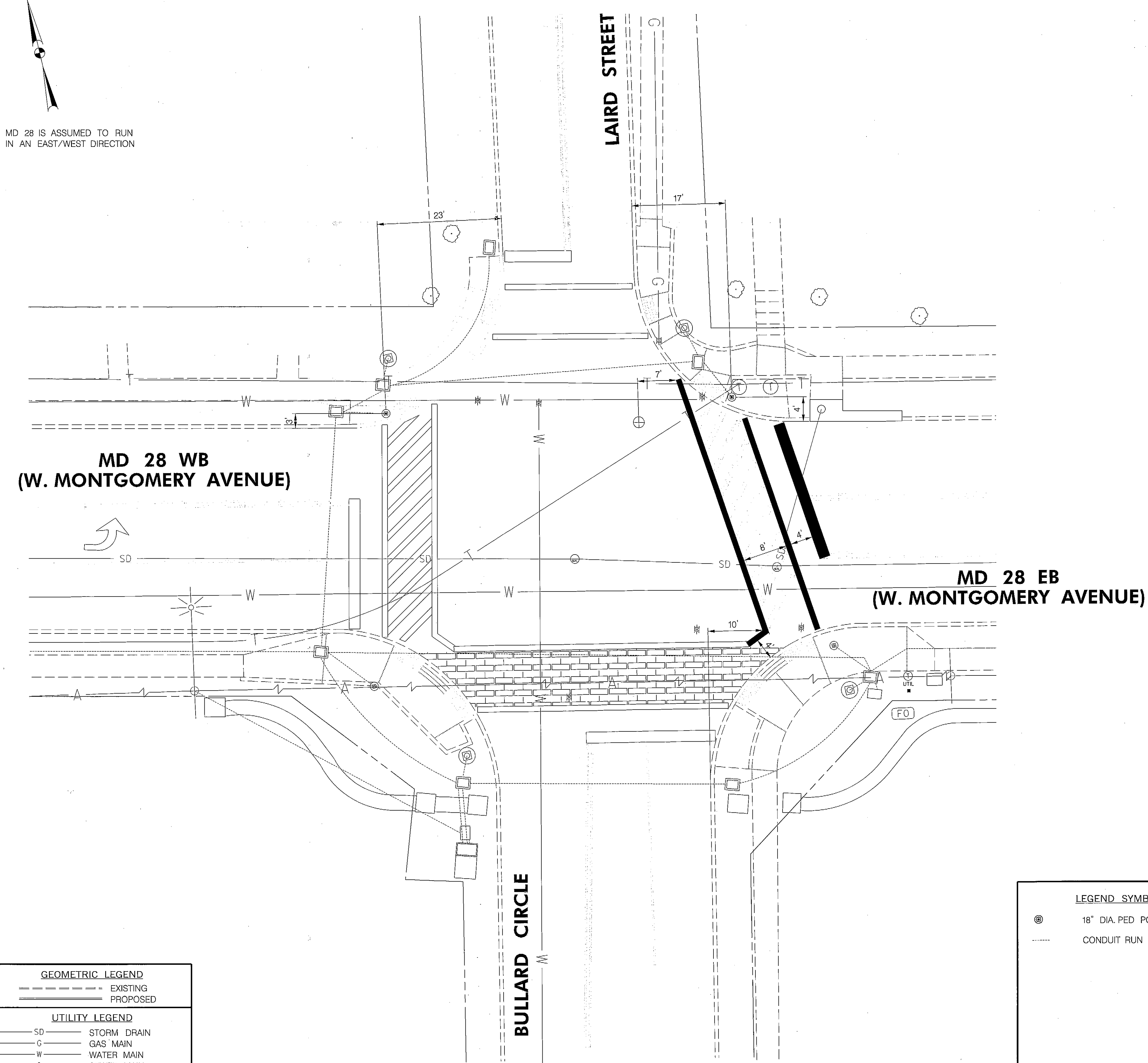


MD 28 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION



- APS NOTES:
1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
 2. THE 10' MINIMUM SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
 3. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
 4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09, SEC. 4E.10, FIG. 4E-3, FIG. 4E-4, AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
 5. APS WILL FUNCTION AS FOLLOWS:

TO CROSS MD 28 AT LAIRD STREET (SIGN# 31 & 22)

WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
A. WEST LEG: "WAIT TO CROSS W. MONTGOMERY AT LAIRD, WAIT."
WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.
B. EAST LEG: "WAIT TO CROSS W. MONTGOMERY AT LAIRD CROSSWALK, ANGLES LEFT, WAIT."
WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS MD 28 AT BULLARD CIRCLE (SIGN# 29 & 24)

WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
A. WEST LEG: "WAIT TO CROSS W. MONTGOMERY AT BULLARD, WAIT."
WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.
B. EAST LEG: "WAIT TO CROSS W. MONTGOMERY AT BULLARD CROSSWALK, ANGLES LEFT, WAIT."
WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

BY: fanyong

GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED

UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC CABLES

LEGEND SYMBOL ⊙ 18" DIA. PED. POLE FOUNDATION --- CONDUIT RUN (EXISTING)	GEOMETRIC LEGEND --- EXISTING SIDEWALK/CURB --- JOINT (APPROXIMATE)	SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 28 (W. MONTGOMERY AVENUE) AT BULLARD CIRCLE/LAIRD STREET ROCKVILLE, MD
GEOMETRIC PLAN SHEET		
SCALE 1" = 10' ADVERTISED DATE 03/2013 CONTRACT NO. XY1515185		
DESIGNED BY DM	COUNTY MONTGOMERY	
DRAWN BY DM	LOGMILE 15002821.74	
CHECKED BY RM	TMS NO. L803	
F.A.P. NO.	TOD NO.	
TS NO. 1334-F	DRAWING SG-2 OF 2	SHEET NO. 2 OF 3

BAI BRUDIS & ASSOCIATES, INC.
Consulting Engineers
9240 Rumsey Road, Suite C
Columbia, Maryland 21046
Phone 410-885-3807
www.brudis.com

PLOTTED: Thursday, March 28, 2013 AT 03:56 PM
FILE: P:\09-002 TEDD\Task 111 MD 28 Signals\Drawings\CADD\Working\MD28@Circle\pSG-F002_MD28@Circle.dgn